

uVision™ 365 SERIES

NDT Inspection Lamps

The uVision™ 365 Series is Spectroline's innovative line of compact, broad-beam, handheld NDT lamps.

These lightweight, yet rugged lamps boast an IP65 rating, making them dust-tight and water-resistant. Using a state-of-the-art heat sink, the uVision™ is mechanically cooled without the need for fans. In addition to the three powerful UV-A (365 nm) LEDs, it has a convenient white light LED for illuminating work areas.

Compliant versions have embedded microprocessors to keep lamps within specifications. There are multiple power-source options as well.

NEW!

INTRODUCING THE Z-MODEL

with In-Handle
Lithium-Ion Battery



**COMPLIANT
MODELS
AVAILABLE**



**MEETS
EN ISO 3059
SPECIFICATIONS**



**DUST-TIGHT &
WATER RESISTANT**



**WIDE, EVEN
BEAM PROFILE**



**FANLESS &
COOL RUNNING**



NEW!

INTRODUCING THE
Z-MODEL
RUGGED. RELIABLE. CORDLESS.



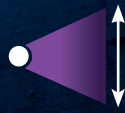
COMPLIANT
MODELS
AVAILABLE



MEETS
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IP65 RATING
Dust-Tight &
Water Resistant



WIDE, EVEN
BEAM PROFILE



FANLESS &
COOL RUNNING

3 UV-A LEDs

For wide area of coverage

LONG-LASTING
UV-A LENSES

Reduce the rate of solarization

Faceplate with
INTEGRAL UV-A
PASS FILTERS

Reduce visible wavelengths
(SBLC- & HC-Models only)

SEALED
CONTROL SWITCH

Grip-mounted,
three-way rocker switch
(white light/off/UV)

POWER/BATTERY
LIFE LIGHT

Indicates power level

ADJUSTABLE
WHITE LIGHT LED

Use to locate
surface flaws

THERMAL CUT-OFF
CIRCUITRY

Prevents lamp from going
out of compliance when
internal temperature
exceeds specifications
(SBLC-Models only)

FANLESS DESIGN

Maintains optimum lamp
temperature using state-of-
the-art heat sinks

PISTOL GRIP

Comfortable,
balanced control

NEW!

IN-HANDLE LITHIUM
ION BATTERY

(Z-Models only)
Available in multiple
power sources



BASE MODEL

Lamp with in-line AC power
supply, UV-absorbing spectacles,
comes in a protective case.

uVision™ 365:

UV-365EH or UV-365ES

uVision™ 365 DELUXE:

UV-365SBLC or UV-365HC



NEW!

Z-MODEL

Lamp with in-handle lithium
battery, in-line AC charger and
cord, UV-absorbing spectacles,
comes in a protective case.

uVision™ 365:

UV-365ZEH

uVision™ 365 DELUXE:

UV-365ZSBLC or UV-365ZHC



M-MODEL

Lamp with battery pack with 12V
rechargeable NiMH battery, in-line
AC power supply, UV-absorbing
spectacles, comes in a protective case.

uVision™ 365:

UV-365MEH

uVision™ 365 DELUXE:

UV-365MSBLC or UV-365MHC



R-MODEL

Lamp on a reel with 50 ft
retracting A/C power cord,
hooks to suspend from ceiling,
UV-absorbing spectacles.

uVision™ 365 DELUXE:

UV-365SBLCR or UV-365HCR

		UV-365SBLC*	UV-365HC	UV-365ZHC	UV-365ES	UV-365EH	UV-365ZEH
TESTED TO COMPLY WITH	Rolls-Royce RRES 90061 REQUIREMENTS	✓	✗	✗	✗	✗	✗
	ASTM E3022-18 STANDARD	✓	✓	✓	✗	✗	✗
	EN ISO 3059	✓	✓	✓	✓	✓	✓
Nominal Steady-State UV-A Intensity at 15 in (38 cm) Ø		< 5,000 µW/cm²	6,000 µW/cm²	8,000 µW/cm²	< 5,000 µW/cm²	7,000 µW/cm²	9,000 µW/cm²
UV-A Coverage Area at 15 in (38 cm) at minimum 1,200 µW/cm²		6 in (15.2 cm) Diameter	6.4 in (16.3 cm) Diameter	7.5 in (19 cm) Diameter	6 in (15.2 cm) Diameter	7 in (17.8 cm) Diameter	7 in (17.8 cm) Diameter
Filter/Faceplate		Integral UV-A pass filters			Standard faceplate		Clear filter
Thermal Cut-Off Circuitry		✓	✗	✓	✗		
Visible Light Measurement		< 1 foot-candles (11 lux)			< 2 foot-candles (22 lux)		
In-Handle Lithium-Ion Battery		UV-365ZSBLC	✗	✓	✗	✗	✓
External Battery Pack		UV-365MSBLC	UV-365MHC	✗	✗	UV-365MEH	✗
Reel Kit (50 ft power cord)		UV-365SBLCR	UV-365HCR	✗	✗	✗	✗

*These versions are adjusted to ensure that they provide a maximum steady-state UV-A intensity of less than 5,000 µW/cm² at 15 in (38 cm)

Ø UV-A intensity reading taken with the Spectroline® AccuMAX™ Series meter, and is factory set to the value shown.

Each lamp is fitted with an 8-foot cord and the appropriate plug for the country of destination. An optional 20-foot cord is available. The "/20" suffix denotes the 20-foot power cord options.



Light Source:	(3) UV-A LEDs, (1) white light LED
Lamp Style:	Pistol grip
Lamp Head Diameter:	3.5 in (9 cm)
Height:	7.5 in (19 cm) Z-Model: 9.5 in (24.1 cm)
Width:	3.5 in (8.9 cm) Z-Model: 3.75 in (9.5 cm)
Weight:	1.9 lb (0.90 kg) Z-Model: 2.65 lb (1.2 kg)
White Light LED Intensity:	400 foot-candles (4,306 lux)
Power Requirements:	100-120VAC / 12VDC*

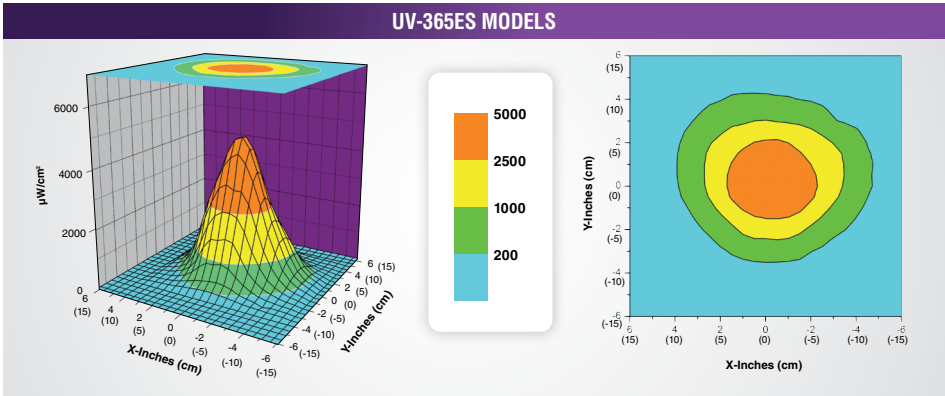
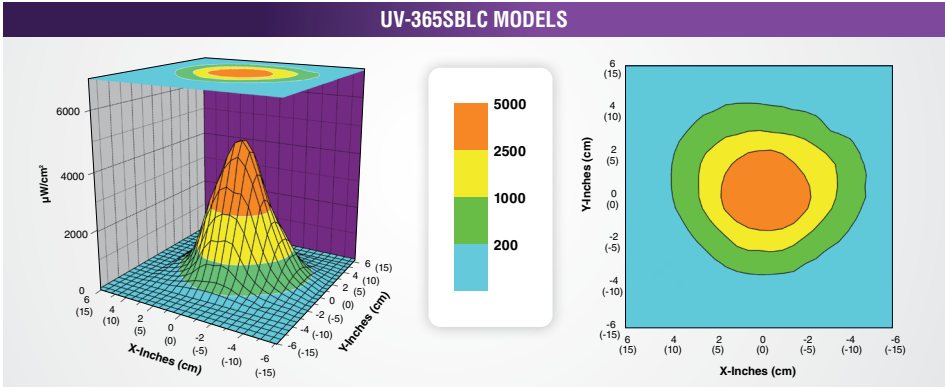
In-Handle Lithium Ion Battery: Z-Model Only	Type: 14.8V, Lithium ion (rechargeable) Run time: ZSBLC: 10 hours ZHC: 7 hours ZEH: 8 hours Charge time: 4 hours
External Battery Pack: M-Model Only	Type: 12V, NiMH (rechargeable) Run time: 3.5 hours continuous Charge time: 2 hours

*(Also available in 220-240V versions)

STANDARD-INTENSITY MODELS:

Surface Contour Profile at 15 in (38 cm)

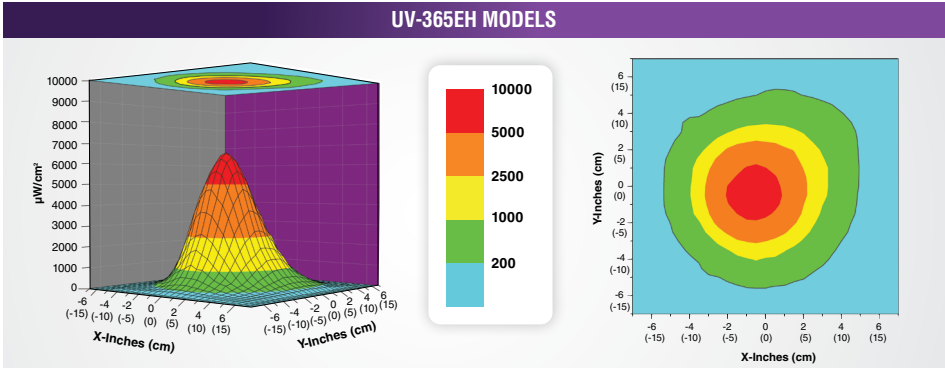
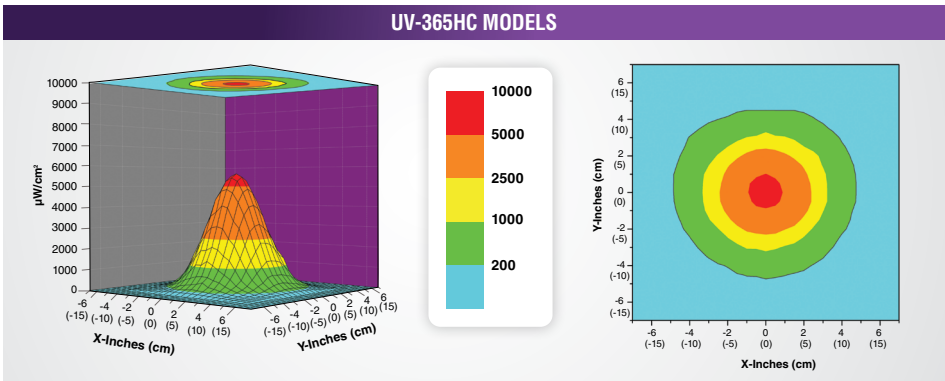
Top Intensity Profile at 15 in (38 cm)



HIGH-INTENSITY MODELS:

Surface Contour Profile at 15 in (38 cm)

Top Intensity Profile at 15 in (38 cm)



APPROPRIATE DOCUMENTS
PROVIDED WITH EACH LAMP

VALIDATION REPORT

CERTIFICATE OF CONFORMANCE

CERTIFICATE OF LIGHT OUTPUT